SHAILY FOZDAR

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Education

University of Michigan, Ann Arbor- Ross School of Business & College of Engineering PRESENT DAY
Intended Majors: Computer Science and Business
Relevant Coursework: EECS 183 (Intro to Programming), EECS 203 (Discrete Mathematics), ECON 101, BA 100
Additional activities: GEECS, Michigan Hackers, Michigan FinTech

Schoolcraft College, Dual Enrollment SEPTEMBER 2016 - NOVEMBER 2017
GPA: 3.91/4.00
Relevant Coursework: MATH 230 (Linear Algebra), MATH 252 (Differential Equations), MATH 240 (Calc 3)

Novi High School SEPTEMBER 2014 - MAY 2018
GPA: 4.38/4.00, SAT: 1590/1600
Relevant Coursework: AP Computer Science, AP Calculus BC, AP Physics C, AP Research (Capstone Diploma)
Awards: Summa cum Laude, Capstone Diploma, National Merit Finalist, National AP Scholar
Additional activities: Forensics States Qualifier, Lesson Plan Writer for GEMS Math, Girls Who Code, National Honors Society Secretary, Varsity Track and Cross Country Team Captain, Sai Blossoms E-Magazine Student Editor

Experience

University of Michigan Transportation Research Institute, Student Researcher SEPTEMBER 2018 - PRESENT
- Developing and programming methods to translate passenger reactions into quantitative & qualitative data
- Analyzing and processing quantitative data to gather insights on crash safety for automated vehicles

Nexecon Consulting Group, Analyst SEPTEMBER 2018 - PRESENT
- Working on a team of analysts to provide critical business insights to companies
- Using data analysis, solving problems hindering growth for local and Fortune 500 companies
- Performing market research, supply chain and operations analysis, and evaluating profitability

HOSA, Event Chair, 4th at International Leadership Conference SEPTEMBER 2015 - MAY 2018
- Supervised members for competitive events, coordinated Regional competition, established charity drive
- Competed in the Medical Law and Ethics event, placing 4th at the International Conference in 2017

BuildOn, Co-Founder and Vice President SEPTEMBER 2016 - MAY 2018
- Coordinated fundraising efforts for the building of schools in underprivileged areas, raising over $20,000
- Physically helped build a school in Nicaragua on a 10 day trek, helping to bridge the gap of inequality

Student Researcher SEPTEMBER 2017 - MAY 2018
- Conducted a meta-analysis of the relationship between political dissatisfaction and democratic idealization, by synthesizing data and relying on a framework established by Dr.Pippa Norris
- Completed an oral defense of my proposed solutions to the problems created by democratic idealization

Awards

Michigan Youth Arts Festival (MYAF) Performer, 2017
- Chosen to perform as part of the only performing Percussion Ensemble

Novi Youth Recognition Award, 2016
- Ran library programs for kids and teens that taught teamwork and reading comprehension

2nd Place Siemens We Can Change the World Competition, 2014
- Spread awareness of eco-detergents throughout community, spoke with state-representatives and local government, eventually writing a paper on our activism efforts

Additional: Proficient in Java, Python, Learning C++, Swift, Graphic Design (Photoshop, Illustrator)